


- » BOOST PERFORMANCE
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- » ENABLE BUSINESS TRANSPARENCY
- » ENSURE COMPLIANCE



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CLOCK



Challenges of Collaborative Working Environments

Paul Moore
Project Manager
Atos Research & Innovation
June 1 2006

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- » Emerging Research Areas in CWE
- » EuriCWE: a Large Technological Initiative in CWE

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What is CLOCK?



» 6th Framework Coordination Action in CWE

» To foster coordination between projects and stakeholders in CWE.

» Short term goals:







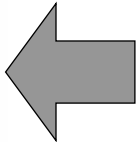


- » Define where we are going in CWE?
- » What are the emerging research areas?

» Longer term goal:

- » Prepare the way for a future Large Technological Initiative (LTI)

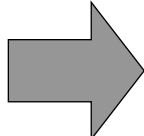


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Who is CLOCK?



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Who is the target of CLOCK?



- » Telcos and mobile operators
- » The embedded systems industry
- » Enterprise application developers
- » IT integrators
- » 3rd party providers

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Emerging Research Areas in CWE






- » Context-oriented data mapping
- » Rapid context switching
- » Support for the life cycle of shared artefacts
- » Pervasive collaboration
- » Virtual communities of practice and interest
- » Seamless Interaction Between Actors
- » End-to-End Connectivity
- » Seamlessly integrating Heterogeneous Platforms, Tools, Applications and Services
- » Seamlessly integrating both Explicit and Tacit Knowledge
- » Seamlessly integrating cross-organisational, cross-sectorial processes
- » Multi-modality - convergence and differentiation of collaboration channels
- » Secure and Trusted Collaboration Environments



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Emerging Research Areas in CWE



- » Cooperativity
- » Human-centric
- » Organisational change
- » Effects on Society
- » Policy

There seems to be a different focus on CWE in Europe and USA




Does technology drive organisational change?

OR

Do new ways of working drive technological change?

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Emerging Research Areas in CWE



- » Cooperativity
- » Human-centric
- » Organisational change
- » Effects on Society
- » Policy



Technology drives organisational change!

AND

New ways of working drive technological change!

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Application Domains



- » Supply chain
- » Manufacturing processes
- » Collaborative design and engineering
- » Emergency scenarios
- » Healthcare
- » Media/content production workers
- » e-Training for collaborative/remote workers
- » Collaboration among e-professionals
- » Rural and remote CWE
- » Financial markets

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Application Domains



- » **Supply chain**
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- » **Collaborative design and engineering**
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Application Domains



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EuriCWE



European Research Initiative on Collaborative Working Environments



... will address European research in Collaborative Working Environments (technologies, services and systems), and will develop collaboration models, R&D strategies and deployment policies fostering new, open, trusted human-centred collaboration solutions and applications that enhance the creativity, efficiency and productivity of groups, teams and communities of practice in media-rich virtual working environments within and across ICT domains and organisational boundaries.

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Roadmap for CLOCK and EuriCWE


Short-term

- Preliminary research agenda - Already finished
- Collaboration and dialogue with industry – Ongoing
- Project portal, draft position paper - mid-June
- Launch workshop - Brussels, end of June

➤ September, 2006

- Final Vision document
- Knowledge Base
- LTI Core Group







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Roadmap for CLOCK and EuriCWE

Longer-term





STAGE 1	STAGE 2	STAGE 3
Emergence and Setting Up	Definition of a Strategic Research Agenda	Implementation of a Strategic Research Agenda
Summer/Autumn 2006	Early 2007	Late 2007

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Challenges of Collaborative Working Environments

future research
in collaborative
working
environments

Information Society
and Media

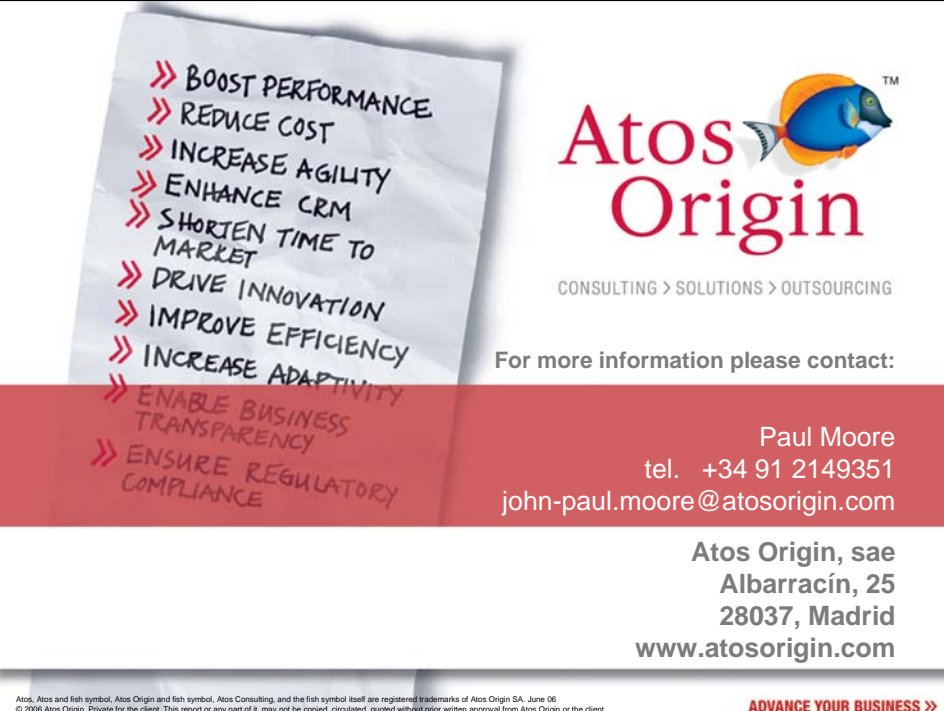
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(as of mid-June)

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